

WHAT IS CLAIMED IS:

1. A polyisoprene article comprising,  
polyisoprene latex; and  
a curing compound comprising sulfur, a thiuram compound and a second compound selected from a group consisting of diisopropyl xanthogen polysulfide, diisopropyl xanthogen, diisopropyl xanthogen plus tetraethylthiuram disulfide, diisopropyl xanthogen plus zinc dibenzylthiocarbamate, xanthogen sulfide, xanthogen sulfide plus tetraethylthiuram disulfide, and xanthogen sulfide plus zinc dibenzylthiocarbamate.
2. The article of claim 1 wherein the thiuram compound is tetrabenzyl thiuram disulfide.
3. The article of claim 1 wherein the polyisoprene is cis-1,4-polyisoprene.
4. The article of claim 1 wherein the thiuram compound is present in a concentration range of between about 0.45 parts per 100 parts of polyisoprene and about 0.75 parts per 100 parts of polyisoprene.
5. The article of claim 4 wherein the thiuram compound is present in a concentration of about 0.6 parts per 100 parts of polyisoprene.
6. The article of claim 1 wherein the second compound is zinc dibenzylthiocarbamate.
7. The article of claim 6 wherein the zinc dibenzylthiocarbamate is present in a concentration range of between about 0.3 parts per 100 parts of polyisoprene and about 0.5 parts per 100 parts of polyisoprene.
8. The article of claim 7 wherein the zinc dibenzylthiocarbamate is present in a concentration range of about 0.4 parts per 100 parts of polyisoprene.

9. The article of claim 1 wherein the second compound containing xanthogen is present in the article in a concentration range of between about 1.0 and about 2.0 parts per 100 parts of polyisoprene.

10. The article of claim 9 wherein the second compound containing xanthogen is present in the article at a concentration of about 1.5 parts per 100 parts of polyisoprene.

11. The article of claim 1, wherein said article is a condom.

12. The article of claim 11, wherein said condom is a continuous, defect-free film.